

## CLAIMS

What is claimed is:

1           1.           A calendar-based image asset organizer, comprising:  
2                       a user interface for designating at least one date range;  
3                       an image date reader for determining a date associated with an  
4           image; and  
5                       an image query manager for identifying images having an  
6           associated date within the at least one designated date range.

1           2.           The calendar-based image asset organizer of claim 1, wherein the  
2           user interface displays a calendar.

1           3.           The calendar-based image asset organizer of claim 1, wherein a  
2           date range includes a date and time range, and wherein the date associated within  
3           an image includes a date and a time.

1           4.           The calendar-based image asset organizer of claim 1, wherein the  
2           date associated with an image is a date stored by an image capture device within a  
3           file header of a file containing the image.

1           5.           The calendar-based image asset organizer of claim 4, wherein the  
2           file header is an Exchangeable Image File (EXIF) header.

1           6.           The calendar-based image asset organizer of claim 1, wherein the  
2           date associated with an image is a file system date for a file containing the image.

1           7.           The calendar-based image asset organizer of claim 6, wherein the  
2           file system data is a file's last modified date.

1           8.           The calendar-based image asset organizer of claim 1, wherein the  
2           date associated within an image is date entered manually by a user.

1           9.           The calendar-based image asset organizer of claim 1, further  
2           comprising a display processor, for displaying representations of the images  
3           having an associate dates within the designated at least one date range.

1           10.           The calendar-based image asset organizer of claim 9, wherein the  
2           representations of the images are thumbnail representations.

1           11.           The calendar-based image asset organizer of claim 9, wherein the  
2           representations of the images are small-scale versions of the images.

1           12.           The calendar-based image asset organizer of claim 1, wherein  
2           said image query manager identifies the number of images having an associated  
3           date within the designated at least one date range.

1           13.           The calendar-based image asset organizer of claim 12, further  
2           comprising a display processor for displaying the number of images having an  
3           associated date within the designated at least one date range.

1           14.           The calendar-based image asset organizer of claim 1, wherein  
2           said image query manager comprises a relational database manager for storing  
3           and retrieving image identifiers associated with specific dates.

1           15.           The calendar-based image asset organizer of claim 14, wherein  
2           the image identifiers include identifiers for file names.

1           16.           The calendar-based image asset organizer of claim 14, wherein  
2           the image identifiers include binary image data.

1           17.           The calendar-based image asset organizer of claim 16 wherein  
2           the binary image data is pixel data for thumbnail representations of images.

1           18.           The calendar-based image asset organizer of claim 14, wherein  
2           the image identifiers include pointers to binary image data.

1           19.           The calendar-based image asset organizer of claim 18 wherein  
2           the binary image data is pixel data for thumbnail representations of images.

1           20.           The calendar-based image asset organizer of claim 1, wherein  
2           said image query manager comprises a data structure manager for storing and  
3           retrieving image identifiers associated with specific dates.

- 1        21.            The calendar-based image asset organizer of claim 20, wherein  
2        the data structure is a tree.
- 1        22.            The calendar-based image asset organizer of claim 20, wherein  
2        the data structure is a linked list.
- 1        23.            The calendar-based image asset organizer of claim 20, wherein  
2        the data structure is a dynamic array.
- 1        24.            A method for organizing image assets, comprising:  
2                    receiving at least one designated date range;  
3                    determining dates associated with images; and  
4                    identifying images having an associated date within the at least  
5        one designated date range.
- 1        25.            The method of claim 24, further comprising displaying a  
2        calendar.
- 1        26.            The method of claim 24 wherein the date range includes a date  
2        and time range, and wherein the date associated within an image includes a date  
3        and a time.
- 1        27.            The method of claim 24 wherein the date associated with an  
2        image is a date stored by an image capture device within a file header of a file  
3        containing the image.
- 1        28.            The method of claim 26 wherein the file header is an  
2        Exchangeable Image File (EXIF) header.
- 1        29.            The method of claim 24 wherein the date associated with an  
2        image is a file system date for a file containing the image.
- 1        30.            The method of claim 29 wherein the file system date is a file's  
2        last modified date.

1        31.            The method of claim 24 wherein the date associated within an  
2        image is a date entered manually by a user.

1        32.            The method of claim 24 further comprising displaying  
2        representations of the images having an associated date within the at least one  
3        designated date range.

1        33.            The method of claim 32 wherein the representations of the  
2        images are thumbnail representations.

1        34.            The method of claim 32 wherein the representations of the  
2        images are small-scale versions of the images.

1        35.            The method of claim 24 wherein said identifying identifies the  
2        number of images having an associated date within the at least one designated  
3        date range.

1        36.            The method of claim 35 further comprising displaying the  
2        number of images having an associated date within the at least one designated  
3        date range.

1        37.            The method of claim 24 further comprising storing and retrieving  
2        image identifiers associated with specific dates within a relational database.

1        38.            The method of claim 37 wherein the image identifiers include  
2        identifiers for file names.

1        39.            The method of claim 37 wherein the image identifiers include  
2        binary image data.

1        40.            The method of claim 39 wherein the binary image data is pixel  
2        data for thumbnail representations of images.

1        41.            The method of claim 37 wherein the image identifiers include  
2        pointers to binary image data.

1 42. The method of claim 41 wherein the binary image data is pixel  
2 data for thumbnail representations of images.

1 43. The method of claim 24 further comprising storing and retrieving  
2 image identifiers associated with specific dates within a data structure.

1 44. The method of claim 43 wherein the data structure is a tree.

1 45. The method of claim 43 wherein the data structure is a linked  
2 list.

1 46. The method of claim 43 wherein the data structure is a dynamic  
2 array.

1 47. A computer-readable storage medium storing program code for  
2 causing a computer to perform the steps of:  
3 receiving at least one designated date range;  
4 determining dates associated with images; and  
5 identifying images having an associated date within the at least  
6 one designated date range.

1 48. A calendar-based digital content organizer, comprising:  
2 a user interface for designating at least one date range;  
3 a date reader for determining a date associated with digital  
4 content; and  
5 a query manager for identifying digital content having an  
6 associated date within the designated at least one date range.

1 49. The calendar-based digital content organizer of claim 48 wherein  
2 the digital content is digital video.

1 50. The calendar-based digital content organizer of claim 48 wherein  
2 the digital content is digital slide presentations.

1 51. The calendar-based digital content organizer of claim 48 wherein  
2 the digital content is digital image collections.

1 52. The calendar-based digital content organizer of claim 48 wherein  
2 the digital content is digital animation.

1 53. The calendar-based digital content organizer of claim 48 wherein  
2 the digital content is electronic documents.

1 54. The calendar-based digital content organizer of claim 48 wherein  
2 the digital content is e-mail.

1 55. A method for organizing digital content, comprising:  
2 receiving at least one designated date range;  
3 determining a date associated with digital content; and  
4 identifying digital content having an associated date within the at  
5 least one designated date range.

1 56. The method of claim 55 wherein the digital content is digital  
2 video.

1 57. The method of claim 55 wherein the digital content is digital  
2 slide presentations.

1 58. The method of claim 55 wherein the digital content is digital  
2 image collections.

1 59. The method of claim 55 wherein the digital content is digital  
2 animation.

1 60. The method of claim 55 wherein the digital content is electronic  
2 documents.

1 61. The method of claim 55 wherein the digital content is e-mail.

1 62. A computer-readable storage medium storing program code for  
2 causing a computer to perform the steps of:  
3 receiving at least one designated date range;  
4 determining a date associated with digital content; and

5 identifying digital content having an associated date within the at  
6 least one designated date range.